IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) Method of partially scrambling a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein a sequence of transport stream packets has payloads carrying encoded data elements, arranged in units, including:

selecting transport stream packets forming a sub-sequence of the sequence, and

scrambling the payloads of each transport stream packet in the sub-sequence, monitoring the payloads of at least some of the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent units, and, for selected units, including at least one of the transport stream packets carrying data forming part of the selected unit in the sub-sequence.

2. (Previously Presented) Method according to claim 1, wherein the data stream is a multiplex of elementary streams, the method including identifying at least one elementary stream including the sequence of transport stream packets and monitoring only payloads of packets in the identified elementary stream(s).

3. (Previously Presented) Method according to claim 1, wherein the selected units include units containing at least part of an encoded representation of a picture.

4. (Previously Presented) Method according to claim 1, wherein each unit contains an indication of the type of data to follow and a part containing that data, wherein the type of each unit in the monitored payloads is determined from the indication and the unit is included among the selected units if the type corresponds to at least one specific type.

5. (Original) Method according to claim 4, wherein units of types other than the specific type(s) are randomly included among the selected units.

6. (Previously Presented) Method according to claim 4, wherein the types are defined by the encoding technique with which the encoded data elements have been formed.

7. (Previously Presented) Method according to claim 4, wherein the encoded data elements are decodable using a predictive decoding technique and the specific types include a type of data element allowing a prediction to be derived from only the decoded data belonging to the data element.

8. (Previously Presented) Method according to claim 1, wherein up to a maximum number of transport stream packets following a first transport stream packet carrying data forming part of a selected unit are included in the sub-sequence.

9. (Previously Presented) System for partially scrambling a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein a sequence of transport stream packets has payloads carrying encoded data elements, arranged in units, including:

a port for receiving the data stream; and

an arrangement for processing the data in the stream, wherein the system is configured to select transport stream packets forming a sub-sequence of the sequence, and to scramble the payloads of each transport stream packet in the sub-sequence, Wherein the system is configured to monitor the payloads of at least some of the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent units, and, for selected units, to include at least one of the transport stream packets carrying data forming part of the selected unit in the sub-sequence.

10. (Original) System according to claim 9, configured to include up to a maximum number of transport stream packets following a first transport stream packet carrying data forming part of a selected unit in the sub-sequence, and provided with an arrangement for setting the maximum number.

11. (Currently Amended) A computer-readable storage medium containing a set of instructions that ~~Computer program adapted~~, when run on a computer, performs ~~to configure the computer to execute~~ a method of partially scrambling a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein a sequence of transport stream packets has payloads carrying encoded data elements, arranged in units, including steps of:

selecting transport stream packets forming a sub-sequence of the sequence, and

scrambling the payloads of each transport stream packet in the sub-sequence, monitoring the payloads of at least some of the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent units, and, for selected units, including at least one of the transport stream packets carrying data forming part of the selected unit in the sub-sequence. ~~according to claim 1.~~

12. (Currently Amended) A method for generating ~~Signal carrying~~ a data stream including transport stream packets, each transport stream packet having a header and a payload, wherein a sequence of transport stream packets has payloads carrying encoded data elements, arranged in units, including steps of:

selecting transport stream packets forming a sub-sequence of the sequence, and

scrambling the payloads of each transport stream packet in the sub-sequence, monitoring the payloads of at least some of the transport stream packets in the sequence for the presence of data indicating a boundary between two subsequent units, and, for selected units, including at least one of the transport stream packets carrying data forming part of the selected unit in the sub-sequence.

~~each unit being of a certain type, wherein the payload of each transport stream packet in a sub-sequence, of the sequence, is scrambled, wherein for each unit of a type corresponding to a selected type, the sub-sequence includes at least one of the transport stream packets carrying data forming part of that unit, wherein at least one of the transport stream packets includes data indicating a boundary between two subsequent units.~~